

Appl. No. 10/605,791
Reply to Office action of February 14, 2008

REMARKS/ARGUMENTS

Request for Continued Examination:

5 The applicant respectfully requests continued examination of the above-indicated application as per 37 CFR 1.114.

1. Knapp in the background of the cited reference teaches that "the purpose is to allow more time for addressing pixel rows and reduce flicker effects and in these known
10 devices the sub-matrices are addressed simultaneously rather than consecutively, for example with corresponding rows of pixels in each sub-matrix being selected and provided with data signals at the same time, i.e with the first rows in each sub-matrix being addressed together, followed by the second rows, and so on." (KNAPP: paragraph [0007]). According the above paragraph, the matrix of pixels is only
15 divided into two sub-matrices and both upper and lower sub-matrices are addressed at the same time. In contrast to the cited reference, the present invention specifically teaches three scanning bands, in which the third scanning band is addressed consecutively while the first scanning band and the second scanning band are addressed simultaneously. Therefore, despite whether the pixel units in the third
20 scanning band are positioned above or below the disconnecting points, the display of the pixel units can be controlled by simultaneously supplying with the same image data from the first data driver and the second data driver. (Paragraph [0026]: At this time, the gate driver applies a second scanning signal to the scanning lines of the third scanning band in sequence according to a third direction.)

25 2. Claim 1 is amended to overcome the rejection. The amended claim 1 stresses this distinction between the cited reference and the present application by reciting "when the scanning lines of the third scanning band scan in sequence along a third scanning direction according to a second scanning signal". In contrast to the present invention,
30 each sub-matrix taught by Knapp is selected and provided with data signals at the

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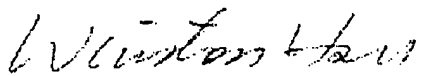
same time.

3. Claim 15 has already emphasized this distinction from the prior art by reciting
"scanning the third scanning band in sequence according to a third direction based
5 on a second scanning signal".

Applicant respectfully requests that a timely Notice of Allowance be issued in this
case.

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Sincerely yours,



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- 20 Note: Please leave a message in my voice mail if you need to talk to me. (The time in
D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan.)

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